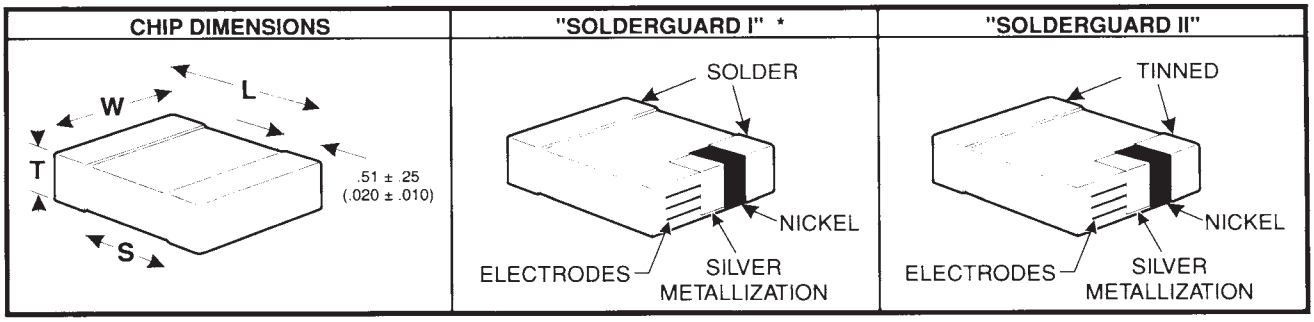
CAPACITOR OUTLINE DRAWINGS



* Add .38mm (.015") to the positive width and thickness tolerance dimensions and .64mm (.025") to the positive length tolerance dimension for Solderguard I.

DIMENSIONS — MILLIMETERS (INCHES)

Size Code	L Length	W Width	T Thickness Max.
0805	2.03 (.080) ± 0.38 (.015)	1.27 (.050) ± 0.38 (.015)	1.4 (.055)
1005	2.56 (.100) ± 0.38 (.015)	1.27 (.050) ± 0.38 (.015)	1.5 (.059)
1206	3.07 (.120) ± 0.38 (.015)	1.52 (.060) ± 0.38 (.015)	1.6 (.065)
1210	3.07 (.120) ± 0.38 (.015)	2.56 (.100) ± 0.38 (.015)	1.6 (.065)
1805	4.57 (.180) ± 0.38 (.015)	1.27 (.050) ± 0.38 (.015)	1.4 (.055)
1808	4.57 (.180) ± 0.38 (.015)	2.03 (.080) ± 0.38 (.015)	1.6 (.065)
1812	4.57 (.180) ± 0.38 (.015)	3.18 (.125) ± 0.38 (.015)	2.03 (.080)
1825	4.57 (.180) ± 0.38 (.015)	6.35 (.250) ± 0.38 (.015)	2.03 (.080)
2225	5.59 (.220) ± 0.38 (.015)	6.35 (.250) ± 0.38 (.015)	2.03 (.080)

ORDERING INFORMATION

C 0805 A 103 K 5 X A C

CERAMIC

SIZE CODE
See table above

SPECIFICATION
A — KEMET GR900 (CHIPS)

CAPACITANCE CODE
Expressed in Picofarads (pF)
First two digit-significant figures.
Third digit-number of zeros. (Use 9 for 1.0 thru 9.9 pF.
Example: 2.2 pF — 229).

CAPACITANCE TOLERANCE
M —± 20%
K —± 10%
J — ±5%
G — ±2% (G(BP) Temperature Characteristic Only)
F — ±1% (G(BP) Temperature Characteristic Only)
*D — ±0.5 pF (G(BP) Temperature Characteristic Only)
*C — ±0.25 pF (G(BP) Temperature Characteristic Only)

*These tolerances available only for 1.0 through 10 pF capacitors.

VOLTAGE
1—100
2—200
5—50

TEMPERATURE CHARACTERISTIC
Designated by Capacitance Change over Temperature Range
G—BP (±30 PPM/C)
X—BX (±15%, +15%, -25% with bias.)

FAILURE RATE LEVEL (%/1,000 HOURS)
A—Standard—Not applicable

END METALLIZATION
C—Tin-Coated, Final (SolderGuard II)
H—Solder-Coated, Final (SolderGuard I)

MARKING

Capacitors shall be legibly laser marked in contrasting color with the KEMET trademark and 2-digit capacitance symbol.

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RATINGS AND PART NUMBER REFERENCE
C0504 & C0805

CAPACITANCE pF	KEMET PART NUMBER
200 VOLT - BP	
1.0	C0504A109(1)2GA(2)
1.1	C0504A119(1)2GA(2)
1.2	C0504A129(1)2GA(2)
1.5	C0504A159(1)2GA(2)
1.6	C0504A169(1)2GA(2)
1.8	C0504A189(1)2GA(2)
2.0	C0504A209(1)2GA(2)
2.2	C0504A229(1)2GA(2)
2.4	C0504A249(1)2GA(2)
2.7	C0504A279(1)2GA(2)
3.0	C0504A309(1)2GA(2)
3.3	C0504A339(1)2GA(2)
3.6	C0504A369(1)2GA(2)
3.9	C0504A399(1)2GA(2)
4.3	C0504A439(1)2GA(2)
4.7	C0504A479(1)2GA(2)
5.1	C0504A519(1)2GA(2)
5.6	C0504A569(1)2GA(2)
6.2	C0504A629(1)2GA(2)
6.8	C0504A689(1)2GA(2)
7.5	C0504A759(1)2GA(2)
8.2	C0504A829(1)2GA(2)
9.1	C0504A919(1)2GA(2)
10.0	C0504A100(1)2GA(2)
11.0	C0504A110(1)2GA(2)
12.0	C0504A120(1)2GA(2)
13.0	C0504A130(1)2GA(2)
15.0	C0504A150(1)2GA(2)
16.0	C0504A160(1)2GA(2)
18.0	C0504A180(1)2GA(2)
20.0	C0504A200(1)2GA(2)
22.0	C0504A220(1)2GA(2)
24.0	C0504A240(1)2GA(2)
27.0	C0504A270(1)2GA(2)
30.0	C0504A300(1)2GA(2)
33.0	C0504A330(1)2GA(2)
36.0	C0504A360(1)2GA(2)
39.0	C0504A390(1)2GA(2)
43.0	C0504A430(1)2GA(2)
47.0	C0504A470(1)2GA(2)
51.0	C0504A510(1)2GA(2)
56.0	C0504A560(1)2GA(2)
62.0	C0504A620(1)2GA(2)
75.0	C0504A750(1)2GA(2)
82.0	C0504A820(1)2GA(2)
100 VOLT - BP	
91.0	C0504A910(1)1GA(2)
100	C0504A101(1)1GA(2)
110	C0504A111(1)1GA(2)
120	C0504A121(1)1GA(2)
130	C0504A131(1)1GA(2)
50 VOLT - BP	
150	C0504A151(1)5GA(2)
160	C0504A161(1)5GA(2)
180	C0504A181(1)5GA(2)

CAPACITANCE pF	KEMET PART NUMBER
200 VOLT - BX	
220	C0504A221(1)2XA(2)
270	C0504A271(1)2XA(2)
330	C0504A331(1)2XA(2)
100 VOLT - BX	
360	C0504A361(1)1XA(2)
390	C0504A391(1)1XA(2)
470	C0504A471(1)1XA(2)
560	C0504A561(1)1XA(2)
680	C0504A681(1)1XA(2)
820	C0504A821(1)1XA(2)
1000	C0504A102(1)1XA(2)
1200	C0504A122(1)1XA(2)

CAPACITANCE pF	KEMET PART NUMBER
50 VOLT - BX	
1500	C0504A152(1)5XA(2)
1800	C0504A182(1)5XA(2)
2200	C0504A222(1)5XA(2)
2700	C0504A272(1)5XA(2)
3300	C0504A332(1)5XA(2)
3900	C0504A392(1)5XA(2)
4700	C0504A472(1)5XA(2)
5600	C0504A562(1)5XA(2)
6800	C0504A682(1)5XA(2)

CAPACITANCE pF	KEMET PART NUMBER
200 VOLT - BP	
1.0	C0805A109(1)2GA(2)
1.1	C0805A119(1)2GA(2)
1.2	C0805A129(1)2GA(2)
1.5	C0805A159(1)2GA(2)
1.6	C0805A169(1)2GA(2)
1.8	C0805A189(1)2GA(2)
2.0	C0805A209(1)2GA(2)
2.2	C0805A229(1)2GA(2)
2.4	C0805A249(1)2GA(2)
2.7	C0805A279(1)2GA(2)
3.0	C0805A309(1)2GA(2)
3.3	C0805A339(1)2GA(2)
3.6	C0805A369(1)2GA(2)
3.9	C0805A399(1)2GA(2)
4.3	C0805A439(1)2GA(2)
4.7	C0805A479(1)2GA(2)
5.1	C0805A519(1)2GA(2)
5.6	C0805A569(1)2GA(2)
6.2	C0805A629(1)2GA(2)
6.8	C0805A689(1)2GA(2)
7.5	C0805A759(1)2GA(2)
8.2	C0805A829(1)2GA(2)
9.1	C0805A919(1)2GA(2)
10.0	C0805A100(1)2GA(2)
11.0	C0805A110(1)2GA(2)
12.0	C0805A120(1)2GA(2)
13.0	C0805A130(1)2GA(2)
15.0	C0805A150(1)2GA(2)
16.0	C0805A160(1)2GA(2)
18.0	C0805A180(1)2GA(2)
20.0	C0805A200(1)2GA(2)
22.0	C0805A220(1)2GA(2)
24.0	C0805A240(1)2GA(2)
27.0	C0805A270(1)2GA(2)
30.0	C0805A300(1)2GA(2)
33.0	C0805A330(1)2GA(2)
36.0	C0805A360(1)2GA(2)
39.0	C0805A390(1)2GA(2)
43.0	C0805A430(1)2GA(2)
47.0	C0805A470(1)2GA(2)
51.0	C0805A510(1)2GA(2)
56.0	C0805A560(1)2GA(2)
62.0	C0805A620(1)2GA(2)
75.0	C0805A750(1)2GA(2)
82.0	C0805A820(1)2GA(2)
91.0	C0805A910(1)2GA(2)
100	C0805A101(1)2GA(2)
110	C0805A111(1)2GA(2)
120	C0805A121(1)2GA(2)
130	C0805A131(1)2GA(2)
150	C0805A151(1)2GA(2)
160	C0805A161(1)2GA(2)
180	C0805A181(1)2GA(2)
200	C0805A201(1)2GA(2)
220	C0805A221(1)2GA(2)

CAPACITANCE pF	KEMET PART NUMBER
100 VOLT - BP56	
240	C0805A241(1)1GA(2)
270	C0805A271(1)1GA(2)
300	C0805A301(1)1GA(2)
330	C0805A331(1)1GA(2)
360	C0805A361(1)1GA(2)
390	C0805A391(1)1GA(2)
430	C0805A431(1)1GA(2)
470	C0805A471(1)1GA(2)
50 VOLT - BP	
510	C0805A511(1)5GA(2)
560	C0805A561(1)5GA(2)

CAPACITANCE pF	KEMET PART NUMBER
200 VOLT - BX	
180	C0805A181(1)2XA(2)
220	C0805A221(1)2XA(2)
270	C0805A271(1)2XA(2)
330	C0805A331(1)2XA(2)
390	C0805A391(1)2XA(2)
470	C0805A471(1)2XA(2)
560	C0805A561(1)2XA(2)
680	C0805A681(1)2XA(2)
820	C0805A821(1)2XA(2)
100 VOLT - BX	
1000	C0805A102(1)1XA(2)
1200	C0805A122(1)1XA(2)
1500	C0805A152(1)1XA(2)
1800	C0805A182(1)1XA(2)
2200	C0805A222(1)1XA(2)
3300	C0805A332(1)1XA(2)
3900	C0805A392(1)1XA(2)
4700	C0805A472(1)1XA(2)
50 VOLT - BX	
5600	C0805A562(1)5XA(2)
6800	C0805A682(1)5XA(2)
8200	C0805A822(1)5XA(2)
10000	C0805A103(1)5XA(2)

(1) Complete KEMET part number by inserting capacitance tolerance, as applicable as shown in ordering information on page 16.
BP CAPACITANCE TOLERANCE: ±1%, ±2%, ±5%, ±10%, ±20% (±0.5pF & ±0.25pF tolerances available 1.0 thru 10pF only) TEMPERATURE CHARACTERISTIC "G"
BX CAPACITANCE TOLERANCE: ±5%, ±10%, ±20% TEMPERATURE CHARACTERISTIC "X"
(2) Complete part number by inserting end Metallization, as applicable as shown in ordering information on page 16.
C—Tin-Coated, Final (SolderGuard II)
H—Solder-Coated, Final (SolderGuard I)
L–70/30 Tin/Lead Plated

RATINGS AND PART NUMBER REFERENCE
STYLE C1005

CAPACITANCE pF	KEMET PART NUMBER
200 VOLT - BP	
1.0	C1005A109(1)2GA(2)
1.1	C1005A119(1)2GA(2)
1.2	C1005A129(1)2GA(2)
1.5	C1005A159(1)2GA(2)
1.6	C1005A169(1)2GA(2)
1.8	C1005A189(1)2GA(2)
2.0	C1005A209(1)2GA(2)
2.2	C1005A229(1)2GA(2)
2.4	C1005A249(1)2GA(2)
2.7	C1005A279(1)2GA(2)
3.0	C1005A309(1)2GA(2)
3.3	C1005A339(1)2GA(2)
3.6	C1005A369(1)2GA(2)
3.9	C1005A399(1)2GA(2)
4.3	C1005A439(1)2GA(2)
4.7	C1005A479(1)2GA(2)
5.1	C1005A519(1)2GA(2)
5.6	C1005A569(1)2GA(2)
6.8	C1005A689(1)2GA(2)
7.5	C1005A759(1)2GA(2)
8.2	C1005A829(1)2GA(2)
9.1	C1005A919(1)2GA(2)
10.0	C1005A100(1)2GA(2)
11.0	C1005A110(1)2GA(2)
12.0	C1005A120(1)2GA(2)
13.0	C1005A130(1)2GA(2)
15.0	C1005A150(1)2GA(2)
16.0	C1005A160(1)2GA(2)
18.0	C1005A180(1)2GA(2)
20.0	C1005A200(1)2GA(2)
22.0	C1005A220(1)2GA(2)
24.0	C1005A240(1)2GA(2)
27.0	C1005A270(1)2GA(2)
30.0	C1005A300(1)2GA(2)
33.0	C1005A330(1)2GA(2)
36.0	C1005A360(1)2GA(2)
39.0	C1005A390(1)2GA(2)
43.0	C1005A430(1)2GA(2)
47.0	C1005A470(1)2GA(2)
51.0	C1005A510(1)2GA(2)
56.0	C1005A560(1)2GA(2)
62.0	C1005A620(1)2GA(2)
75.0	C1005A750(1)2GA(2)
82.0	C1005A820(1)2GA(2)
91.0	C1005A910(1)2GA(2)
100	C1005A101(1)2GA(2)
110	C1005A111(1)2GA(2)
120	C1005A121(1)2GA(2)
130	C1005A131(1)2GA(2)
150	C1005A151(1)2GA(2)
160	C1005A161(1)2GA(2)

CAPACITANCE pF	KEMET PART NUMBER
200 VOLT - BP	
180	C1005A181(1)2GA(2)
200	C1005A201(1)2GA(2)
220	C1005A221(1)2GA(2)
240	C1005A241(1)2GA(2)
270	C1005A271(1)2GA(2)
300	C1005A301(1)2GA(2)
330	C1005A331(1)2GA(2)
360	C1005A361(1)2GA(2)
390	C1005A391(1)2GA(2)
430	C1005A431(1)2GA(2)
470	C1005A471(1)2GA(2)
100 VOLT - BP	
510	C1005A511(1)1GA(2)
560	C1005A561(1)1GA(2)
620	C1005A621(1)1GA(2)
680	C1005A681(1)1GA(2)
750	C1005A751(1)1GA(2)
820	C1005A821(1)1GA(2)
50 VOLT - BP	
910	C1005A911(1)5GA(2)
1000	C1005A102(1)5GA(2)
1100	C1005A112(1)5GA(2)
1200	C1005A122(1)5GA(2)
200 VOLT - BX	
330	C1005A331(1)2XA(2)
390	C1005A391(1)2XA(2)
470	C1005A471(1)2XA(2)
560	C1005A561(1)2XA(2)
680	C1005A681(1)2XA(2)
820	C1005A821(1)2XA(2)
1000	C1005A102(1)2XA(2)
1200	C1005A122(1)2XA(2)
1500	C1005A152(1)2XA(2)
1800	C1005A182(1)2XA(2)
100 VOLT - BX	
2200	C1005A222(1)1XA(2)
2700	C1005A272(1)1XA(2)
3300	C1005A332(1)1XA(2)
3900	C1005A392(1)1XA(2)
4700	C1005A472(1)1XA(2)
5600	C1005A562(1)1XA(2)
6800	C1005A682(1)1XA(2)
8200	C1005A822(1)1XA(2)
10,000	C1005A103(1)1XA(2)
50 VOLT - BX	
12,000	C1005A123(1)5XA(2)
15,000	C1005A153(1)5XA(2)
18,000	C1005A183(1)5XA(2)
22,000	C1005A223(1)5XA(2)

RATINGS AND PART NUMBER REFERENCE
STYLE C1206

CAPACITANCE pF	KEMET PART NUMBER
200 VOLT - BP	
10.0	C1206A100(1)2GA(2)
11.0	C1206A110(1)2GA(2)
12.0	C1206A120(1)2GA(2)
13.0	C1206A130(1)2GA(2)
15.0	C1206A150(1)2GA(2)
16.0	C1206A160(1)2GA(2)
18.0	C1206A180(1)2GA(2)
20.0	C1206A200(1)2GA(2)
22.0	C1206A220(1)2GA(2)
24.0	C1206A240(1)2GA(2)

CAPACITANCE pF	KEMET PART NUMBER
200 VOLT - BP	
27.0	C1206A270(1)2GA(2)
30.0	C1206A300(1)2GA(2)
33.0	C1206A330(1)2GA(2)
36.0	C1206A360(1)2GA(2)
39.0	C1206A390(1)2GA(2)
43.0	C1206A430(1)2GA(2)
47.0	C1206A470(1)2GA(2)
51.0	C1206A510(1)2GA(2)
56.0	C1206A560(1)2GA(2)
62.0	C1206A620(1)2GA(2)

(1) Complete KEMET part number by inserting capacitance tolerance, as applicable as shown in ordering information on page 17.
BP CAPACITANCE TOLERANCE: ±1%, ±2%, ±5%, ±10%, ±20% (±0.5pF & ±0.25pF tolerances available 1.0 thru 10pF only) TEMPERATURE CHARACTERISTIC "G"
BX CAPACITANCE TOLERANCE: ±5%, ±10%, ±20% TEMPERATURE CHARACTERISTIC "X"
(2) Complete part number by inserting end Metallization, as applicable as shown in ordering information on page 17.
C—Tin-Coated, Final (SolderGuard II)
H—Solder-Coated, Final (SolderGuard I)

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RATINGS AND PART NUMBER REFERENCE
STYLE C1206 (continued)

CAPACITANCE pF	KEMET PART NUMBER
200 VOLT - BP	
68.0	C1206A680(1)2GA(2)
75.0	C1206A750(1)2GA(2)
82.0	C1206A820(1)2GA(2)
91.0	C1206A910(1)2GA(2)
100	C1206A101(1)2GA(2)
110	C1206A111(1)2GA(2)
120	C1206A121(1)2GA(2)
130	C1206A131(1)2GA(2)
150	C1206A151(1)2GA(2)
160	C1206A161(1)2GA(2)
180	C1206A181(1)2GA(2)
200	C1206A201(1)2GA(2)
220	C1206A221(1)2GA(2)
240	C1206A241(1)2GA(2)
270	C1206A271(1)2GA(2)
300	C1206A301(1)2GA(2)
330	C1206A331(1)2GA(2)
360	C1206A361(1)2GA(2)
390	C1206A391(1)2GA(2)
430	C1206A431(1)2GA(2)
470	C1206A471(1)2GA(2)
100 VOLT - BP	
510	C1206A511(1)1GA(2)
560	C1206A561(1)1GA(2)
620	C1206A621(1)1GA(2)
680	C1206A681(1)1GA(2)
750	C1206A751(1)1GA(2)
820	C1206A821(1)1GA(2)
910	C1206A911(1)1GA(2)
1000	C1206A102(1)1GA(2)
1100	C1206A112(1)1GA(2)
1200	C1206A122(1)1GA(2)
1300	C1206A132(1)1GA(2)
1500	C1206A152(1)1GA(2)
1600	C1206A162(1)1GA(2)

CAPACITANCE pF	KEMET PART NUMBER
50 VOLT - BP	
1800	C1206A182(1)5GA(2)
2000	C1206A202(1)5GA(2)
200 VOLT - BX	
470	C1206A471(1)2XA(2)
560	C1206A561(1)2XA(2)
680	C1206A681(1)2XA(2)
820	C1206A821(1)2XA(2)
1000	C1206A102(1)2XA(2)
1200	C1206A122(1)2XA(2)
1500	C1206A152(1)2XA(2)
1800	C1206A182(1)2XA(2)
2200	C1206A222(1)2XA(2)
2700	C1206A272(1)2XA(2)
3300	C1206A332(1)2XA(2)
3900	C1206A392(1)2XA(2)
4700	C1206A472(1)2XA(2)
100 VOLT - BX	
5600	C1206A562(1)1XA(2)
6800	C1206A682(1)1XA(2)
8200	C1206A822(1)1XA(2)
10,000	C1206A103(1)1XA(2)
12,000	C1206A123(1)1XA(2)
15,000	C1206A153(1)1XA(2)
50 VOLT - BX	
18,000	C1206A183(1)5XA(2)
22,000	C1206A223(1)5XA(2)
27,000	C1206A273(1)5XA(2)
33,000	C1206A333(1)5XA(2)
39,000	C1206A393(1)5XA(2)
47,000	C1206A473(1)5XA(2)

RATINGS AND PART NUMBER REFERENCE
STYLE C1210

CAPACITANCE pF	KEMET PART NUMBER
200 VOLT - BP	
10.0	C1210A100(1)2GA(2)
11.0	C1210A110(1)2GA(2)
12.0	C1210A120(1)2GA(2)
13.0	C1210A130(1)2GA(2)
15.0	C1210A150(1)2GA(2)
16.0	C1210A160(1)2GA(2)
18.0	C1210A180(1)2GA(2)
20.0	C1210A200(1)2GA(2)
22.0	C1210A220(1)2GA(2)
24.0	C1210A240(1)2GA(2)
27.0	C1210A270(1)2GA(2)
30.0	C1210A300(1)2GA(2)
33.0	C1210A330(1)2GA(2)
36.0	C1210A360(1)2GA(2)
39.0	C1210A390(1)2GA(2)
43.0	C1210A430(1)2GA(2)
47.0	C1210A470(1)2GA(2)
51.0	C1210A510(1)2GA(2)
56.0	C1210A560(1)2GA(2)
62.0	C1210A620(1)2GA(2)
68.0	C1210A680(1)2GA(2)
75.0	C1210A750(1)2GA(2)
82.0	C1210A820(1)2GA(2)
91.0	C1210A910(1)2GA(2)
100	C1210A101(1)2GA(2)
110	C1210A111(1)2GA(2)
120	C1210A121(1)2GA(2)

CAPACITANCE pF	KEMET PART NUMBER
200 VOLT - BP	
130	C1210A131(1)2GA(2)
150	C1210A151(1)2GA(2)
160	C1210A161(1)2GA(2)
180	C1210A181(1)2GA(2)
200	C1210A201(1)2GA(2)
220	C1210A221(1)2GA(2)
240	C1210A241(1)2GA(2)
270	C1210A271(1)2GA(2)
300	C1210A301(1)2GA(2)
330	C1210A331(1)2GA(2)
360	C1210A361(1)2GA(2)
390	C1210A391(1)2GA(2)
430	C1210A431(1)2GA(2)
470	C1210A471(1)2GA(2)
510	C1210A511(1)2GA(2)
560	C1210A561(1)2GA(2)
620	C1210A621(1)2GA(2)
680	C1210A681(1)2GA(2)
750	C1210A751(1)2GA(2)
820	C1210A821(1)2GA(2)
910	C1210A911(1)2GA(2)
1000	C1210A102(1)2GA(2)

(1) Complete KEMET part number by inserting capacitance tolerance, as applicable as shown in ordering information on page 17.
BP CAPACITANCE TOLERANCE: ±1%, ±2%, ±5%, ±10%, ±20% (±0.5pF & ±0.25pF tolerances available 1.0 thru 10pF only) TEMPERATURE CHARACTERISTIC "G"
BX CAPACITANCE TOLERANCE: ±5%, ±10%, ±20% TEMPERATURE CHARACTERISTIC "X"
(2) Complete part number by inserting end Metallization, as applicable as shown in ordering information on page 17.
C—Tin-Coated, Final (SolderGuard II)
H—Solder-Coated, Final (SolderGuard I)

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RATINGS AND PART NUMBER REFERENCE
STYLE C1210 (continued)

CAPACITANCE pF	KEMET PART NUMBER
100 VOLT - BP	
1100	C1210A112(1)1GA(2)
1200	C1210A122(1)1GA(2)
1300	C1210A132(1)1GA(2)
1500	C1210A152(1)1GA(2)
1600	C1210A162(1)1GA(2)
1800	C1210A182(1)1GA(2)
2000	C1210A202(1)1GA(2)
2200	C1210A222(1)1GA(2)
2400	C1210A242(1)1GA(2)
2700	C1210A272(1)1GA(2)
3000	C1210A302(1)1GA(2)
3300	C1210A332(1)1GA(2)
50 VOLT - BP	
3600	C1210A362(1)5GA(2)
3900	C1210A392(1)5GA(2)
200 VOLT - BX	
470	C1210A471(1)2XA(2)
560	C1210A561(1)2XA(2)
680	C1210A681(1)2XA(2)
820	C1210A821(1)2XA(2)
1000	C1210A102(1)2XA(2)
1200	C1210A122(1)2XA(2)
1500	C1210A152(1)2XA(2)
1800	C1210A182(1)2XA(2)

CAPACITANCE pF	KEMET PART NUMBER
200 VOLT - BX	
2200	C1210A222(1)2XA(2)
2700	C1210A272(1)2XA(2)
3300	C1210A332(1)2XA(2)
3900	C1210A392(1)2XA(2)
4700	C1210A472(1)2XA(2)
5600	C1210A562(1)2XA(2)
6800	C1210A682(1)2XA(2)
8200	C1210A822(1)2XA(2)
10,000	C1210A103(1)2XA(2)
100 VOLT - BX	
12,000	C1210A123(1)1XA(2)
15,000	C1210A153(1)1XA(2)
18,000	C1210A183(1)1XA(2)
22,000	C1210A223(1)1XA(2)
27,000	C1210A273(1)1XA(2)
33,000	C1210A333(1)1XA(2)
50 VOLT - BX	
39,000	C1210A393(1)5XA(2)
47,000	C1210A473(1)5XA(2)
56,000	C1210A563(1)5XA(2)
68,000	C1210A683(1)5XA(2)
82,000	C1210A823(1)5XA(2)
100,000	C1210A104(1)5XA(2)

RATINGS AND PART NUMBER REFERENCE
STYLE C1805

CAPACITANCE pF	KEMET PART NUMBER
200 VOLT - BP	
220	C1805A221(1)2GA(2)
240	C1805A241(1)2GA(2)
270	C1805A271(1)2GA(2)
300	C1805A301(1)2GA(2)
330	C1805A331(1)2GA(2)
360	C1805A361(1)2GA(2)
390	C1805A391(1)2GA(2)
430	C1805A431(1)2GA(2)
470	C1805A471(1)2GA(2)
100 VOLT - BP	
510	C1805A511(1)1GA(2)
560	C1805A561(1)1GA(2)
620	C1805A621(1)1GA(2)
680	C1805A681(1)1GA(2)
750	C1805A751(1)1GA(2)
820	C1805A821(1)1GA(2)
910	C1805A911(1)1GA(2)
1000	C1805A102(1)1GA(2)
1100	C1805A112(1)1GA(2)
1200	C1805A122(1)1GA(2)
1300	C1805A132(1)1GA(2)
1500	C1805A152(1)1GA(2)
50 VOLT - BP	
1600	C1805A162(1)5GA(2)
1800	C1805A182(1)5GA(2)
2000	C1805A202(1)5GA(2)
2200	C1805A222(1)5GA(2)

CAPACITANCE pF	KEMET PART NUMBER
200 VOLT - BX	
1200	C1805A122(1)2XA(2)
1500	C1805A152(1)2XA(2)
1800	C1805A182(1)2XA(2)
2200	C1805A222(1)2XA(2)
2700	C1805A272(1)2XA(2)
3300	C1805A332(1)2XA(2)
3900	C1805A392(1)2XA(2)
100 VOLT - BX	
4700	C1805A472(1)1XA(2)
5600	C1805A562(1)1XA(2)
6800	C1805A682(1)1XA(2)
8200	C1805A822(1)1XA(2)
10,000	C1805A103(1)1XA(2)
12,000	C1805A123(1)1XA(2)
15,000	C1805A153(1)1XA(2)
18,000	C1805A183(1)1XA(2)
50 VOLT - BX	
18,000	C1805A183(1)5XA(2)
22,000	C1805A223(1)5XA(2)
27,000	C1805A273(1)5XA(2)
33,000	C1805A333(1)5XA(2)
39,000	C1805A393(1)5XA(2)
47,000	C1805A473(1)5XA(2)

(1) Complete KEMET part number by inserting capacitance tolerance, as applicable as shown in ordering information on page 17.
BP CAPACITANCE TOLERANCE: ±1%, ±2%, ±5%, ±10%, ±20% (±0.5pF & ±0.25pF tolerances available 1.0 thru 10pF only) TEMPERATURE CHARACTERISTIC "G"
BX CAPACITANCE TOLERANCE: ±5%, ±10%, ±20% TEMPERATURE CHARACTERISTIC "X"
(2) Complete part number by inserting end Metallization, as applicable as shown in ordering information on page 17.
C—Tin-Coated, Final (SolderGuard II) H—Solder-Coated, Final (SolderGuard I)

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RATINGS AND PART NUMBER REFERENCE
STYLE C1808

CAPACITANCE pF	KEMET PART NUMBER
200 VOLT - BP	
330	C1808A331(1)2GA(2)
360	C1808A361(1)2GA(2)
390	C1808A391(1)2GA(2)
430	C1808A431(1)2GA(2)
470	C1808A471(1)2GA(2)
510	C1808A511(1)2GA(2)
560	C1808A561(1)2GA(2)
620	C1808A621(1)2GA(2)
680	C1808A681(1)2GA(2)
750	C1808A751(1)2GA(2)
820	C1808A821(1)2GA(2)
910	C1808A911(1)2GA(2)
1000	C1808A102(1)2GA(2)
1100	C1808A112(1)2GA(2)
1200	C1808A122(1)2GA(2)
1300	C1808A132(1)2GA(2)
1500	C1808A152(1)2GA(2)
100 VOLT - BP	
1600	C1808A162(1)1GA(2)
1800	C1808A182(1)1GA(2)
2000	C1808A202(1)1GA(2)
2200	C1808A222(1)1GA(2)
2400	C1808A242(1)1GA(2)
2700	C1808A272(1)1GA(2)
3000	C1808A302(1)1GA(2)
3300	C1808A332(1)1GA(2)
3600	C1808A362(1)1GA(2)
3900	C1808A392(1)1GA(2)
4300	C1808A432(1)1GA(2)
4700	C1808A472(1)1GA(2)

CAPACITANCE pF	KEMET PART NUMBER
50 VOLT - BP	
5100	C1808A512(1)5GA(2)
5600	C1808A562(1)5GA(2)
200 VOLT - BX	
2200	C1808A222(1)2XA(2)
2700	C1808A272(1)2XA(2)
3300	C1808A332(1)2XA(2)
3900	C1808A392(1)2XA(2)
4700	C1808A472(1)2XA(2)
5600	C1808A562(1)2XA(2)
6800	C1808A682(1)2XA(2)
8200	C1808A822(1)2XA(2)
10,000	C1808A103(1)2XA(2)
100 VOLT - BX	
12,000	C1808A123(1)1XA(2)
15,000	C1808A153(1)1XA(2)
18,000	C1808A183(1)1XA(2)
22,000	C1808A223(1)1XA(2)
27,000	C1808A273(1)1XA(2)
33,000	C1808A333(1)1XA(2)
39,000	C1808A393(1)1XA(2)
47,000	C1808A473(1)1XA(2)
50 VOLT - BX	
39,000	C1808A393(1)5XA(2)
47,000	C1808A473(1)5XA(2)
56,000	C1808A563(1)5XA(2)
68,000	C1808A683(1)5XA(2)
82,000	C1808A823(1)5XA(2)
100,000	C1808A104(1)5XA(2)

RATINGS AND PART NUMBER REFERENCE
STYLE C1812

CAPACITANCE pF	KEMET PART NUMBER
200 VOLT - BP	
330	C1812A331(1)2GA(2)
360	C1812A361(1)2GA(2)
390	C1812A391(1)2GA(2)
430	C1812A431(1)2GA(2)
470	C1812A471(1)2GA(2)
510	C1812A511(1)2GA(2)
560	C1812A561(1)2GA(2)
620	C1812A621(1)2GA(2)
680	C1812A681(1)2GA(2)
750	C1812A751(1)2GA(2)
820	C1812A821(1)2GA(2)
910	C1812A911(1)2GA(2)
1000	C1812A102(1)2GA(2)
1100	C1812A112(1)2GA(2)
1200	C1812A122(1)2GA(2)
1300	C1812A132(1)2GA(2)
1500	C1812A152(1)2GA(2)
1600	C1812A162(1)2GA(2)
1800	C1812A182(1)2GA(2)
2000	C1812A202(1)2GA(2)
2200	C1812A222(1)2GA(2)
2400	C1812A242(1)2GA(2)
2700	C1812A272(1)2GA(2)
100 VOLT - BP	
3000	C1812A302(1)1GA(2)
3300	C1812A332(1)1GA(2)
3600	C1812A362(1)1GA(2)
3900	C1812A392(1)1GA(2)
4300	C1812A432(1)1GA(2)
4700	C1812A472(1)1GA(2)
5100	C1812A512(1)1GA(2)

CAPACITANCE pF	KEMET PART NUMBER
100 VOLT - BP	
5600	C1812A562(1)1GA(2)
6200	C1812A622(1)1GA(2)
6800	C1812A682(1)1GA(2)
50 VOLT - BP	
7500	C1812A752(1)5GA(2)
8200	C1812A822(1)5GA(2)
9100	C1812A912(1)5GA(2)
10,000	C1812A103(1)5GA(2)
200 VOLT - BX	
6800	C1812A682(1)2XA(2)
8200	C1812A822(1)2XA(2)
10,000	C1812A103(1)2XA(2)
12,000	C1812A123(1)2XA(2)
15,000	C1812A153(1)2XA(2)
18,000	C1812A183(1)2XA(2)
100 VOLT - BX	
22,000	C1812A223(1)1XA(2)
27,000	C1812A273(1)1XA(2)
33,000	C1812A333(1)1XA(2)
39,000	C1812A393(1)1XA(2)
47,000	C1812A473(1)1XA(2)
56,000	C1812A563(1)1XA(2)
68,000	C1812A683(1)1XA(2)
82,000	C1812A823(1)1XA(2)
50 VOLT - BX	
82,000	C1812A823(1)5XA(2)
100,000	C1812A104(1)5XA(2)
120,000	C1812A124(1)5XA(2)
150,000	C1812A154(1)5XA(2)
180,000	C1812A184(1)5XA(2)

(1) Complete KEMET part number by inserting capacitance tolerance, as applicable as shown in ordering information on page 17. **BP CAPACITANCE TOLERANCE:** ±1%, ±2%, ±5%, ±10%, ±20% (±0.5pF & ±0.25pF tolerances available 1.0 thru 10pF only) TEMPERATURE CHARACTERISTIC "G" **BX CAPACITANCE TOLERANCE:** ±5%, ±10%, ±20% TEMPERATURE CHARACTERISTIC "X" (2) Complete part number by inserting end Metallization, as applicable as shown in ordering information on page 17.
C—Tin-Coated, Final (SolderGuard II) H—Solder-Coated, Final (SolderGuard I)

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RATINGS AND PART NUMBER REFERENCE
STYLE C1825

CAPACITANCE pF	KEMET PART NUMBER
200 VOLT - BP	
2700	C1825A272(1)2GA(2)
3000	C1825A302(1)2GA(2)
3300	C1825A332(1)2GA(2)
3600	C1825A362(1)2GA(2)
3900	C1825A392(1)2GA(2)
4300	C1825A432(1)2GA(2)
4700	C1825A472(1)2GA(2)
5100	C1825A512(1)2GA(2)
5600	C1825A562(1)2GA(2)
100 VOLT - BP	
6200	C1825A622(1)1GA(2)
6800	C1825A682(1)1GA(2)
7500	C1825A752(1)1GA(2)
8200	C1825A822(1)1GA(2)
9100	C1825A912(1)1GA(2)
10,000	C1825A103(1)1GA(2)
11,000	C1825A113(1)1GA(2)
12,000	C1825A123(1)1GA(2)
13,000	C1825A133(1)1GA(2)
15,000	C1825A153(1)1GA(2)
16,000	C1825A163(1)1GA(2)
18,000	C1825A183(1)1GA(2)
50 VOLT - BP	
20,000	C1825A203(1)5GA(2)
22,000	C1825A223(1)5GA(2)

CAPACITANCE pF	KEMET PART NUMBER
200 VOLT - BX	
10,000	C1825A103(1)2XA(2)
12,000	C1825A123(1)2XA(2)
15,000	C1825A153(1)2XA(2)
18,000	C1825A183(1)2XA(2)
22,000	C1825A223(1)2XA(2)
33,000	C1825A333(1)2XA(2)
39,000	C1825A393(1)2XA(2)
47,000	C1825A473(1)2XA(2)
100 VOLT - BX	
56,000	C1825A563(1)1XA(2)
68,000	C1825A683(1)1XA(2)
82,000	C1825A823(1)1XA(2)
100,000	C1825A104(1)1XA(2)
120,000	C1825A124(1)1XA(2)
150,000	C1825A154(1)1XA(2)
180,000	C1825A184(1)1XA(2)
50 VOLT - BX	
180,000	C1825A184(1)5XA(2)
220,000	C1825A224(1)5XA(2)
270,000	C1825A274(1)5XA(2)
330,000	C1825A334(1)5XA(2)
390,000	C1825A394(1)5XA(2)
470,000	C1825A474(1)5XA(2)

RATINGS AND PART NUMBER REFERENCE
STYLE C2225

CAPACITANCE pF	KEMET PART NUMBER
200 VOLT - BP	
2700	C2225A272(1)2GA(2)
3000	C2225A302(1)2GA(2)
3300	C2225A332(1)2GA(2)
3600	C2225A362(1)2GA(2)
3900	C2225A392(1)2GA(2)
4300	C2225A432(1)2GA(2)
4700	C2225A472(1)2GA(2)
5100	C2225A512(1)2GA(2)
5600	C2225A562(1)2GA(2)
6200	C2225A622(1)2GA(2)
6800	C2225A682(1)2GA(2)
7500	C2225A752(1)2GA(2)
8200	C2225A822(1)2GA(2)
100 VOLT - BP	
9100	C2225A912(1)1GA(2)
10,000	C2225A103(1)1GA(2)
11,000	C2225A113(1)1GA(2)
12,000	C2225A123(1)1GA(2)
13,000	C2225A133(1)1GA(2)
15,000	C2225A153(1)1GA(2)
16,000	C2225A163(1)1GA(2)
18,000	C2225A183(1)1GA(2)
20,000	C2225A203(1)1GA(2)
22,000	C2225A223(1)1GA(2)
50 VOLT - BP	
24,000	C2225A243(1)5GA(2)
27,000	C2225A273(1)5GA(2)
33,000	C2225A333(1)5GA(2)

CAPACITANCE pF	KEMET PART NUMBER
200 VOLT - BX	
18,000	C2225A183(1)2XA(2)
22,000	C2225A223(1)2XA(2)
27,000	C2225A273(1)2XA(2)
33,000	C2225A333(1)2XA(2)
39,000	C2225A393(1)2XA(2)
47,000	C2225A473(1)2XA(2)
100 VOLT - BX	
56,000	C2225A563(1)1XA(2)
68,000	C2225A683(1)1XA(2)
82,000	C2225A823(1)1XA(2)
100,000	C2225A104(1)1XA(2)
120,000	C2225A124(1)1XA(2)
150,000	C2225A154(1)1XA(2)
180,000	C2225A184(1)1XA(2)
50 VOLT - BX	
220,000	C2225A224(1)5XA(2)
270,000	C2225A274(1)5XA(2)
330,000	C2225A334(1)5XA(2)
390,000	C2225A394(1)5XA(2)
470,000	C2225A474(1)5XA(2)
560,000	C2225A564(1)5XA(2)
680,000	C2225A684(1)5XA(2)
820,000	C2225A824(1)5XA(2)
1,000,000	C2225A105(1)5XA(2)

(1) Complete KEMET part number by inserting capacitance tolerance, as applicable as shown in ordering information on page 17. **BP CAPACITANCE TOLERANCE:** ±1%, ±2%, ±5%, ±10%, ±20% (±0.5pF & ±0.25pF tolerances available 1.0 thru 10pF only) TEMPERATURE CHARACTERISTIC "G" **BX CAPACITANCE TOLERANCE:** ±5%, ±10%, ±20% TEMPERATURE CHARACTERISTIC "X"

(2) Complete part number by inserting end Metallization, as applicable as shown in ordering information on page 17.
C—Tin-Coated, Final (SolderGuard II)
H—Solder-Coated, Final (SolderGuard I)

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